December 5, 2008

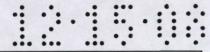


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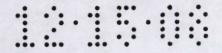
Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response

	DATA MATRIX				
Date	December 5, 2008		EPA Reg No./File Symbol	59639-114	Total Pages = 40
Applicant's/R	tegistrant's Name & Address Valent U.S.A. Corporation 1600 Riviera Avenue, Suite 200 Walnut Creek,	CA 94596	Product ESTEEM Ant Bait (Insect Growth	n Regulator)	
Active Ingred	lient: Pyriproxyfen				
Guideline Re	eferen Guideline Study Name	MRID Number	Submitter	Status	Note
None	Pyriproxyfen - Summary of Data and Tolerance Petition Supporting Use on Grass, Forage, Fodder and Hay	46297301	Valent U.S.A. Corporation	OWN	
None	Supplemental Information: Statutory Findings and Information Summaries to Comply with the Food Quality Protection Act of 1996 in Support of Registration and Tolerance for Pyriproxyfen on Grass Forage, Fodder and Hay, Crop Group 17	46297302	Valent U.S.A. Corporation	OWN	
10-99	Acute Dietary Exposure and Risk Assessment: Pyriproxyfen	44503502	Valent U.S.A. Corporation	OWN	
10-99	Acute Dietary Exposure and Risk Assessment: Pyriproxyfen on Cotton	44503501	Valent U.S.A. Corporation	OWN	
10-99	Dietary Exposure and Risk Assessment for Pyriproxyfen Residues in/on Citrus Fruit, Cotton, Fruiting Vegetables, Pome Fruit and Tree Nuts	44630108	Valent U.S.A. Corporation	OWN	



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Active Ingredient:	Pyriproxyfen				
Guideline Referen	Guideline Study Name	MRID Number	Submitter	Status	Note
10-99	PYRIPROXYFEN Insect Growth Regulator Supplemental Information: Statutory Findings and Information Summaries to Comply with the Food Quality Protection Act of 1996 in Support of Registration and Tolerances on Cotton, Pome Fruits (Including Apples and Pe	44329501	Valent U.S.A. Corporation	OWN	
10-99	Pyriproxyfen - Summary of Data and Tolerance Petition Supporting Use on the Citrus, Fruiting Vegetables (including Tomatoes and Peppers) and Tree Nuts (including Almonds and Tomatoes and Walnuts)		Valent U.S.A. Corporation	OWN	
10-99	Pyriproxyfen - Summary of Data and Tolerance Petition Supporting Use on the Pome Fruits (including Apples and Pears) and Walnuts		Valent U.S.A. Corporation	OWN	



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Active Ingredient:	Pyriproxyfen				
Guideline Referen	Guideline Study Name	MRID Number	Submitter	Status	Note
10-99	Supplemental Information: Statutory Findings and Information Summaries to Comply with the Food Quality Protection Act of 1996 in Support of Registration and Tolerances for Pyriproxyfen on Citrus, Tomatoes, Peppers, and Almonds	44630101	Valent U.S.A. Corporation	OWN	
0-99(c)	Chronic Dietary Exposure and Risk Assessment For the Proposed Use of Pyriproxyfen on Cotton		Valent U.S.A. Corporation	OWN	
10-99(c)	Chronic Dietary Exposure and Risk	44329513	Valent U.S.A. Corporation	OWN	
10-99(e)			Valent U.S.A. Corporation	OWN	
10-99(f)	Estimation of Volatile Emission Potential of Liquid Pesticides by Thermogravimetry	NONE	Valent U.S.A. Corporation	OWN	

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Active Ingredient:	Pyriproxyfen				
Guideline Referen	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550					
830.1600					
830.1620					
830.1650					
830.1670					
830.1700					
330.1750					
330.1800					
30.1900					
830.6303					
830.6314					
830.6315					
330.7000	U.S. EPA Product Properties Test Guidelines -				
830.7100	Group A and Group B of ESTEEM Insect				
830.7300	Growth Regulator	44521701	Valent U.S.A. Corporation	OWN	
61-2(b)	Discussion of the Formation of Impurities.	41321701	Valent U.S.A. Corporation	OWN	

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	1600 Riviera Avenue, Suite 200 Walnut Creek	, CA 94596	ESTEEM Ant Bait (Insect Growth Re	gulator)	
Active Ingredient	Pyriproxyfen				
Guideline Refere	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6303					
830.6314					
830.6315					
830.7000					
830.7100	Physical and Chemical Properties of ESTEEM				
830.7300	Insect Growth Regulator		Valent U.S.A. Corporation	OWN	
830.7950	Henry's Law Constant for Pyriproxyfen		Valent U.S.A. Corporation	OWN	
	Sumilary - Physical and Chemical				
	Characteristics Oxidizing and Reducing				
63-14	Potential.	42343204	Valent U.S.A. Corporation	OWN	
	Sumilary - Physical and Chemical				
63-16	Characteristics - Explodability.	42343204	Valent U.S.A. Corporation	OWN	
	Shelf Life Storage Stability Characteristics of				
830.6317	Esteem Insect Growth Regulator		Valent U.S.A. Corporation	OWN	
	Corrosion Characteristics of ESTEEM Insect				
830.6320	Growth Regulator		Valent U.S.A. Corporation	OWN	
	Federal Endangered Species Task Force			W. France	
	(FESTF) Information Management System				
	(IMS): Beta-Tested IMS 2.0 and Access to		FIFRA Endangered Species Task		
70-1-SS	NatureServe Data – Final Report	46486301	Force (FESTF)	OWN	

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Active Ingredier	nt: Pyriproxyfen				
Guideline Refer		MRID Number	Submitter	Status	Note
70-1-SS	The FIFRA Endangered Species Task Force Information Management System (IMS): Documentation of Structure and Function of IMS 1.1	46325901	The FIFRA Endangered Species Task Force	OWN	
850.1025	Sumilary TG - Acute Toxicity to Eastern Oyster (Crassostrea virginica) Under Flow-Through Conditions	44838401	Valent U.S.A. Corporation	OWN	
850.1035	Sumilary TG - Acute Toxicity to Mysids (Mysidopsis bahia) Under Flow-Through Conditions	44838405	Valent U.S.A. Corporation	OWN	
72-4	Response to EPA Review of "SUMILARV (Pyriproxyfen) - Chronic Toxicity to Mysids (Mysidopsis bahia) Under Flow-Through Conditions"	44838402	Valent U.S.A. Corporation	OWN	
72-4(b)	Chronic Toxicity of 14C-Sumilary to Daphnia magna Under Flow-Through Test Conditions.	43274701	Valent U.S.A. Corporation	OWN	
72-4(b)	Validation of Analytical Methods for Use in the Determination of Test Concentrations of 4'-OH-Pyr and PYPAC During Aquatic Toxicity Studies		Valent U.S.A. Corporation	OWN	

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	1600 Riviera Avenue, Suite 200 Walnut Creek,	CA 94596	ESTEEM Ant Bait (Insect Growt	h Regulator)	
Active Ingredie	ent: Pyriproxyfen				
Guideline Refe	eren Guideline Study Name	MRID Number	Submitter	Status	Note
72-99	Probabilistic Modeling of Pyriproxyfen Exposure to Aquatic Nontarget Organisms Associated with its Use on Apples, Pears and Walnuts	44329514	Valent U.S.A. Corporation	OWN	
81-1	Acute Oral Toxicity Study of 2-OH-PY in Mice	44503505	Valent U.S.A. Corporation	OWN	
81-1	Acute Oral Toxicity Study with Pyriproxyfen (V-71639) 0.83 EC in Rats.	43849805	Valent U.S.A. Corporation	OWN	
870.1100	Acute Oral Toxicity Study of 2,5-OH-PY in Mice	44503504	Valent U.S.A. Corporation	OWN	
870.1100	V-71639 2.9 EC: Acute Oral Toxicity Study in Rats	44521702	Valent U.S.A. Corporation	OWN	
81-2	Acute Dermal Toxicity Study with Pyriproxyfen (V-71639) 0.83 EC in Rabbits.	43849806	Valent U.S.A. Corporation	OWN	
81-3	An Acute (4-HOUR) Inhalation Toxicity Study of Pyriproxyfen (V-71639) 0.83 EC in the Rat via Nose-Only Exposure.	43849807	Valent U.S.A. Corporation	OWN	
870.1300	V-71639 2.9 EC: An Acute (4-Hour) Inhalation Toxicity Study in the Rat Via Nose-Only Exposure	44521704	Valent U.S.A. Corporation	OWN	

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	1600 Riviera Avenue, Suite 200 Walnut Creek,	CA 94596	ESTEEM Ant Bait (Insect Grow	th Regulator)		
Active Ingredient:	Pyriproxyfen					
Guideline Referen	Guideline Study Name	MRID Number	Submitter	Status	Note	
81-4	Primary Eye Irritation Study with Pyriproxyfen (V-71639) 0.83 EC in Rabbits.	43849808	Valent U.S.A. Corporation	OWN		
870.2400	V-71639 2.9 EC: Primary Eye Irritation Study in Rabbits	44521705	Valent U.S.A. Corporation	OWN		
81-5	Primary Dermal Irritation Study with Pyriproxyfen (V-71639) 0.83 EC in Rabbits.	43849809	Valent U.S.A. Corporation	OWN		
870.2500	V-71639 2.9 EC: Primary Dermal Irritation Study in Rabbits	44521706	Valent U.S.A. Corporation	OWN		
81-6	Closed-Patch Repeated Insult Dermal Sensitization Study with Pyriproxyfen (V-71639) 0.83 EC in Guinea Pigs (Buehler Method).	43849810	Valent U.S.A. Corporation	OWN		
81-6 870.2600	V-71639 2.9 EC: Closed-Patch Repeated Insult Dermal Sensitization Study in Guinea Pigs (Buehler Method)		Valent U.S.A. Corporation	OWN		
83-3(b)	Study of S-31183 by Oral Administration During the Period of Fetal Organogenesis in Rabbits.	41321720 42178311	Valent U.S.A. Corporation	OWN		

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Active Ingredient:	Pyriproxyfen				
Guideline Referen	Guideline Study Name	MRID Number	Submitter	Status	Note
870.5265	Reverse mutation test of metabolites of pyriproxyfen, 4'-OH-Pyr, 5"-OH-Pyr, DPH-Pyr, POPA and PYPAC in bacterial systems.	44503507	Valent U.S.A. Corporation	OWN	
84-2(a)	Reverse Mutation Test of 2-OH-PY in Bacterial Systems	44503506	Valent U.S.A. Corporation	OWN	
None	Pyriproxyfen - Summary of Data and Tolerance Petition Supporting Use on the Stone Fruit Crop Grouping	None	Valent U.S.A. Corporation	OWN	
875.2100	Dislodgeable and Total Foliar Residue Dissipation of Pyriproxyfen on Apple Leaves After Treatment with KNACK Insect Growth Regulator	44329502	Valent U.S.A. Corporation	OWN	
132-1(a)	Determination of Foliar Dislodgable Residues of Pyriproxyfen in Detergent Solution.		Valent U.S.A. Corporation	OWN	
132-1(a)	Determination of Pyriproxyfen Residues in/on Foliage.		Valent U.S.A. Corporation	OWN	
161-99	Henry's Law Constant for Pyriproxyfen		Valent U.S.A. Corporation	OWN	
162-1	Aerobic Soil Metabolism of 14C-Pyriproxyfen.	43795502	Valent U.S.A. Corporation	OWN	

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Active Ingredient:	Pyriproxyfen					
Guideline Referen	Guideline Study Name	MRID Number	Submitter	Status	Note	
162-1	Response to EPA Review of "Aerobic Soil Metabolism of 14C-Pyriproxyfen"	44838403	Valent U.S.A. Corporation	OWN		
162-3	Anaerobic Aquatic Metabolism of 14C- Pyriproxyfen.	43795503	Valent U.S.A. Corporation	OWN		
163-1	Adsorption and Desorption of 14C-4-OH-PYR on Representative Agricultural Soils.	43795505	Valent U.S.A. Corporation	OWN		
163-1	Adsorption and Desorption of 14C-PYPAC on Representative Agricultural Soils and Sediment.	43795507	Valent U.S.A. Corporation	OWN		
163-1	The Adsorption and Desorption of [Phe-14C]- Pyriproxyfen on Representative Agricultural Soils and Sediment.	43795504	Valent U.S.A. Corporation	OWN		
163-1	Column Leaching Characteristics of Aged 14C- Pyriproxyfen on Soil.	43795506	Valent U.S.A. Corporation	OWN		
164-1	Response to EPA Review of "Terrestrial Field Dissipation Studies Conducted with Pyriproxyfen Containing End-Use Products"	44838404	Valent U.S.A. Corporation	OWN		
164-1	Terrestrial Field Dissipation of Sumilarv (Pyriproxyfen) in California.	43795509	Valent U.S.A. Corporation	OWN		

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	1600 Riviera Avenue, Suite 200 Walnut Creek,	CA 94596	ESTEEM Ant Bait (Insect Grow	th Regulator)		
Active Ingredie	nt: Pyriproxyfen					
Guideline Refer	ren Guideline Study Name	MRID Number	Submitter	Status	Note	
164-1	Validation of the Analytical Method for Determining Residues of 4'-OH-Pyriproxyfen in Soil and Soil Sediment		Valent U.S.A. Corporation	OWN		
164-1	Validation of the Analytical Method for Determining Residues of Pyriproxyfen and PYPAC in Soil and Soil Sediment		Valent U.S.A. Corporation	OWN		
164-2	Independent Laboratory Validation of the Methods for Quanitation of Pyriproxyfen and Its 4'-OH-PYR and PYPAC Metabolites in Water		Valent U.S.A. Corporation	OWN		
165-1	Amended Report Number One to MRID Number 44036918: Original Study Title: A Confined Rotation Crop Study with [PH-14C] and [PY-14C] Pyriproxyfen		Valent U.S.A. Corporation	OWN		
360.1000 360.1380 360.1500 360.1520	Magnitude of the Residues of Pyriproxyfen in/on Apples and Apple Processing Fractions	44329505	Valent U.S.A. Corporation	OWN		
370.1200	V-71639 2.9 EC: Acute Dermal Toxicity Study in Rats	44529505	Valent U.S.A. Corporation	OWN	The state of the s	

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Active Ingredient:	Pyriproxyfen						
Guideline Referer	Guideline Study Name	MRID Number	Submitter	Status	Note		
860.1500	Magnitude of the Residues of Pyriproxyfen on Apples: Bridging Data Between EC and WP Formulations	45165608	Valent U.S.A. Corporation	OWN			
860.1500	Magnitude of the Residues of Pyriproxyfen on Cabbage	45556003	Valent U.S.A. Corporation	OWN			
860.1500	Magnitude of the Residues of Pyriproxyfen on Cantaloupe	45556004	Valent U.S.A. Corporation	OWN			
860.1500	Magnitude of the Residues of Pyriproxyfen on Cauliflower	45556005	Valent U.S.A. Corporation	OWN			
860.1500	Magnitude of the Residues of Pyriproxyfen on Cherries	45221501	Valent U.S.A. Corporation	OWN			
860.1500	Magnitude of the Residues of Pyriproxyfen on Cucumber	45556006	Valent U.S.A. Corporation	OWN			
860.1500 860.1520	Magnitude of the Residues of Pyriproxyfen on Olives and Olive Processing Fractions	45556007	Valent U.S.A. Corporation	OWN			
860.1500	Magnitude of the Residues of Pyriproxyfen on Peaches (Vol. 1 & 2)	45221502	Valent U.S.A. Corporation	OWN			
860.1500	Magnitude of the Residues of Pyriproxyfen on Pears: Bridging Data Between EC and WP Formulations	45165609	Valent U.S.A. Corporation	OWN			

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Active Ingredie	ent: Pyriproxyfen						
Guideline Refe	eren Guideline Study Name	MRID Number	Submitter	Status	Note		
860.1500 860.1520	Magnitude of the Residues of Pyriproxyfen on Plums and Plum Processing Fractions	45221503	Valent U.S.A. Corporation	OWN			
860.1500	Magnitude of the Residues of Pyriproxyfen on Summer Squash	45556008	Valent U.S.A. Corporation	OWN			
860.1300	A Plant Metabolism Study with 14C-S-71639 (Pyriproxyfen) in Apple Trees	44329506	Valent U.S.A. Corporation	OWN			
860.1300	A Plant Metabolism Study with 14C-S-71639 (Pyriproxyfen) in Tomato Plants	44638301	Valent U.S.A. Corporation	OWN			
860.1500	Magnitude of the Residues of Pyriproxyfen on Almonds Following Treatment with DISTANCE Fire Ant Bait		Valent U.S.A. Corporation	OWN			
860.1500	Magnitude of the Residues of Pyriproxyfen on Mustard Greens	45556009	Valent U.S.A. Corporation	OWN			
860.1340	Determination of Pyriproxyfen in Cotton Gin Trash Method RM-33P-4-3		Valent U.S.A. Corporation	OWN			
860.1340	Validation of the Extraction Efficiency of Residue Analytical Methods for Pyriproxyfen and Metabolites in Goat Meat and Milk	44329509	Valent U.S.A. Corporation	OWN			
860.1480	Residues in Meat and Milk from Dairy Cows Fed Pyriproxyfen	44329510	Valent U.S.A. Corporation	OWN			

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Active Ingredient:	Pyriproxyfen						
Guideline Referen	Guideline Study Name	MRID Number	Submitter	Status	Note		
860.1340	Determination of Pyriproxyfen Residues in Cottonseed - Method RM-33P-2-5		Valent U.S.A. Corporation	OWN			
860.1500	Magnitude of the Residue of Pyriproxyfen in/on Grapefruit	44630104	Valent U.S.A. Corporation	OWN			
860.1500	Magnitude of the Residue of Pyriproxyfen in/on Lemons	44630106	Valent U.S.A. Corporation	OWN			
860.1500 860.1520	Magnitude of the Residue of Pyriproxyfen in/on Oranges and Orange Processing Fractions	44630105	Valent U.S.A. Corporation	OWN			
860.1500	Magnitude of the Residues of Pyriproxyfen and its Degradates in Peppers	44630107	Valent U.S.A. Corporation	OWN			
860.1500 860.1520	Magnitude of the Residues of Pyriproxyfen and Its Degradates in Tomatoes	44630103	Valent U.S.A. Corporation	OWN			
860.1500	Magnitude of the Residues of Pyriproxyfen and its Degradates in Walnuts	44329511	Valent U.S.A. Corporation	OWN			
860.1500	Magnitude of the Residues of Pyriproxyfen in/on Pears	44329512	Valent U.S.A. Corporation	OWN			
171-99	Determination of Pyriproxyfen in V-71639 0.83 EC Tank Mixes by Gas Chromatography.		Valent U.S.A. Corporation	OWN			

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Active Ingredien	nt: Pyriproxyfen						
Guideline Refer	en Guideline Study Name	MRID Number	Submitter	Status	Note		
860.1340	Independent Laboratory Validation of Valent Analytical Method RM-33P-1-3 for Determining Pyriproxyfen and 4'-OH-Pyriproxyfen Residues in/on Apples and Oranges	44329507	Valent U.S.A. Corporation	OWN			
860.1340	Radiovalidation of the Residue Analytical Method for Determining Residues of Pyriproxyfen and Its Degradates in Apples	44329508	Valent U.S.A. Corporation	OWN			
201-1	Atomization Droplet Size Spectra for Spray Drift Formulations: 1991 Field Trial Conditions	43757801	Spray Drift Task Force	OWN			
201-1	Atomization Droplet Size Spectra for Spray Drift Formulations: 1992 Field Trial Conditions	43657601	Spray Drift Task Force	OWN			
201-1	Atomization Droplet Size Spectra for Spray Drift Test Substances: 1993 Field Trial Conditions	43757802	Spray Drift Task Force	OWN			
201-1	Dynamic Surface Tension Measurement of Spray Drift Test Substances	43832101	Spray Drift Task Force	OWN			
201-1	Spray Drift Task Force: Atomization Droplet Size Spectra for Airblast Sprayers	43953001	Spray Drift Task Force	OWN			

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Active Ingred	lient: Pyriproxyfen					
Guideline Re	feren Guideline Study Name	MRID Number	Submitter	Status	Note	
	Spray Drift Task Force Atomization Droplet Size					
201-1	Spectra for Nozzle and Physical Property Parameter Characterization	44100901	Spray Drift Task Force	OWN		
201-1	Spray Drift Task Force: Atomization Droplet Size		Opray Drift Task Force	OVVIV		
201-1	Spectra for Selective Active Ingredients	43766502	Spray Drift Task Force	OWN		
	Spray Drift Task Force Atomization Droplet Size					
201-1	Spectra of Sprinklers Used in Chemigation	43845501	Spray Drift Task Force	OWN		
	Valent USA Corporation is a member of the					
201-1	Spray Drift Task Force (SDTF) and is citing SDTF data in fulfillment of this requirement.		Spray Drift Took Force	OWN		
201-1	1992 Spray Drift Task Force Survey of Aerial		Spray Drift Task Force	OVVIN		
202-1	Applicators	43485601	Spray Drift Task Force	OWN		
	Amended Final Report for Study Spray Drift					
	Task Force 1992 Ground Field Study in Texas					
202-1	(Malathion and Diazinon)	44878601	Spray Drift Task Force	OWN		
	Background and Rationale for Physical Property					
202-1		43657602	Spray Drift Task Force	OWN		
202-1	Collection Efficiency of Spray Drift Samplers	44641001	Spray Drift Task Force	OWN		

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Applicant's/Re	egistrant's Name & Address Valent U.S.A. Corporation		Product				
distant.	1600 Riviera Avenue, Suite 200 Walnut Creek,	CA 94596	ESTEEM Ant Bait (Insect Gro	wth Regulator)			
ctive Ingredi	ient: Pyriproxyfen						
Suideline Ref	feren Guideline Study Name	MRID Number	Submitter	Status	Note		
202-1	Drift from Applications with Aerial Sprayers: Integration and Summary of 1992 and 1993 Field Studies	43803501	Spray Drift Task Force	OWN			
202-1	Drift from Applications with Ground Hydraulic Sprayers: Integration and Summary of 1992 and 1993 Field Studies		Spray Drift Task Force	OWN			
02-1	Drift from Orchard Airblast Applications: Integration and Summary of 1993 and 1994 Field Trials	43925701	Spray Drift Task Force	OWN			
202-1	Error Bars, Precision and Bias of Data for SDTF Aerial Field and Atomization Studies	44696901	Spray Drift Task Force	OWN			
202-1	Frozen Storage Stability of Malathion Diazinon Carbaryl and/or Acephate Residues in/on Alpha- Cellulose Polyurethane Foam Polyester String Water and Tank Mixes	44070001	Spray Drift Task Force	OWN			
	HSpray Drift Task Force: Viscosity	10050000		CIANI			
202-1	Measurements of Spray Drift Test Substance Measurement Techniques for Atomization Droplet Size Spectra Using Particle Size	43953002 43485603	Spray Drift Task Force	OWN			
202-1 202-1	Analyzers in Wind Tunnels Nozzle and Spray Classification	44640801	Spray Drift Task Force Spray Drift Task Force	OWN			

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Active Ingred	dient: Pyriproxyfen						
Guideline Re	eferen Guideline Study Name	MRID Number	Submitter	Status	Note		
202-1	A Proposed Screening Level Assessment Method For Aerial Spray Drift of Pesticides	44010201	Spray Drift Task Force	OWN			
202-1	Relationship Between Physical Properties and Atomization: Integration and Summary	44747401	Spray Drift Task Force	OWN			
202-1	Response by SDTF to Scientific Advisory Panel Review Issues for Aerial Studies and AgDrift Model	44763001	Spray Drift Task Force	OWN			
202-1	Spray Drift Task Force 1991 Aerial Field Study in Mississippi	42565901	Spray Drift Task Force	OWN			
202-1	Spray Drift Task Force: 1992 Aerial Field Study in Texas: Amendment to Final Report	43665402	Spray Drift Task Force	OWN			
202-1	Spray Drift Task Force: 1992 Aerial Field Study in Texas: Malathion - Diazinon	43254001	Spray Drift Task Force	OWN			
202-1	Spray Drift Task Force 1992 Ground Field Study in Texas	43493801	Spray Drift Task Force	OWN			
202-1	Spray Drift Task Force: 1993 Cool Season Aerial Field Study in Texas	43535801	Spray Drift Task Force	OWN			
202-1	Spray Drift Task Force 1993 Ground Field Study in Texas	43493802	Spray Drift Task Force	OWN			
202-1	Spray Drift Task Force: 1993 Hot Humid Aerial Field Study in Texas	43535802	Spray Drift Task Force	OWN			

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Active Ingred	dient: Pyriproxyfen							
Guideline Re	eferen Guideline Study Name	MRID Number	Submitter	Status	Note			
202-1	Spray Drift Task Force: 1993 Hot Humid Aerial Field Study in Texas: Amended Final Report	43665401	Spray Drift Task Force	OWN				
202-1	Spray Drift Task Force: 1993 Orchard Airblast Study in California	43766504	Spray Drift Task Force	OWN				
202-1	Spray Drift Task Force 1994 Field Chemigation Study	43845901	Spray Drift Task Force	OWN				
202-1	Spray Drift Task Force: 1994 Orchard Airblast Field Study on Citrus in Florida	43832102	Spray Drift Task Force	OWN				
202-1	Spray Drift Task Force: 1994 Orchard Airblast Field Study on Pecans in Georgia	43781101	Spray Drift Task Force	OWN				
202-1	Spray Drift Task Force: Atomization Droplet Size Spectra of Critical Parameter Range Finding Substances	43766501	Spray Drift Task Force	OWN				
202-1	Spray Drift Task Force: Collaborative Evaluation of SDTF Methods AM-003: AM-004 and AM-007 for the Determination of Diazinon, Malathion and Carbaryl on Alpha-cellulose Polyurethane Foam Plugs and Polyester String		Spray Drift Task Force	OWN				

Product: ESTEEM Ant Bait (Insect Growth Regulator)

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Active Ingredien	t: Pyriproxyfen					
Guideline Refere	en Guideline Study Name	MRID Number	Submitter	Status	Note	
202-1	Spray Drift Task Force Droplet Evaporation of Spray Drift Test Substances	44134101	Spray Drift Task Force	OWN		
202-1	Spray Drift Task Force Field Testing Protocol and Techniques	44178701	Spray Drift Task Force	OWN		
202-1	Spray Drift Task Force Interviews of Growers Who Use Orchard Airblast Sprayers	43485602	Spray Drift Task Force	OWN		
202-1	Spray Drift Task Force Miscellaneous Nozzle Study	44310401	Spray Drift Task Force	OWN		
202-1	Spray Drift Task Force Model Sensitivity Analysis	42608401	Spray Drift Task Force	OWN		
202-1	String Collectors for Assessing Spray Drift	43766503	Spray Drift Task Force	OWN		
202-1	Valent USA Corporation is a member of the Spray Drift Task Force (SDTF) and is citing SDTF data in fulfillment of this requirement.		Spray Drift Task Force	OWN		
202-1	Wind Tunnel Simulations of Aerial Sprays	44640901	Spray Drift Task Force	OWN		

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Active Ingredient:	Pyriproxyfen						
Guideline Referen	Guideline Study Name	MRID Number	Submitter	Status	Note		
830.1550							
830.1600							
830.1620							
830.1670							
830.1700							
830.1750							
830.1800							
830.1900							
830.6303							
830.6314	U.O. EDA D I I.D I. T I.O I.I.						
830.7000	U.S. EPA Product Property Test Guidelines -	100 17 100	W. L	OMBI			
830.7300	Group A and Group B of Esteem Ant Bait	46347402	Valent U.S.A. Corporation	OWN			
830.1750	Certified Limits of Pyriproxyfen Technical Grade	45853802	Valent U.S.A. Corporation	OWN			
In the later	Preliminary Analysis of Pyriproxyfen Technical						
830.1750	Grade	45853801	Valent U.S.A. Corporation	OWN			
830.6303		27 100 100					
830.6314							
830.7000	Physical and Chemical Properties of Esteem						
830.7300	Ant Bait (VC-1505)	46347401	Valent U.S.A. Corporation	OWN			

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Active Ingredient:	Pyriproxyfen						
Guideline Referer	Guideline Study Name	MRID Number	Submitter	Status	Note		
830.6317 830.6320	Shelf-Life Storage Stability and Corrosion Characteristics of Esteem Ant Bait (VC-1505)		Valent U.S.A. Corporation	OWN			
840.1200	AgDrift Tiered Assesment Model to Evaluate Spray Drift During Agricultural	46274901	Spray Drift Task Force	OWN			
860.1500	Magnitude of the Residue of Pyriproxyfen in Greenhouse Cherry Tomato Raw Agricultural Commodity		Valent U.S.A. Corporation	OWN			
860.1500	Magnitude of the Residues of Pyriproxyfen and Its Degradate in Almonds	44630102	Valent U.S.A. Corporation	OWN			
60.1500	Magnitude of the Residues of Pyriproxyfen on Edible-Podded Peas		IR-4	OWN			
860.1500	Magnitude of the Residues of Pyriproxyfen on Pasture Grass Following Treatment with ESTEEM Ant Bait	46297303	Valent U.S.A. Corporation	OWN			
860.1500	Magnitude of the Residues of Pyriproxyfen on Snap Beans		IR-4	OWN			
860.1500	Pryriproxyfen: Magnitude of the Residue on Okra		IR-4	OWN			
860.1500	Pyriproxyfen: Magnitude of the Residue on Guava		IR-4	OWN			

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WASHINGTON, D.C. 20460

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ate	December 5, 2008		EPA Reg No./File Symbol	59639-114	Total Pages = 40	
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	1600 Riviera Avenue, Suite 200 Walnut Creek,	CA 94596	ESTEEM Ant Bait (Insect Growth R	egulator)		
Active Ingredient	: Pyriproxyfen					
Guideline Refere	n Guideline Study Name	MRID Number	Submitter	Status	Note	
860.1500	Pyriproxyfen; Magnitude of the Residue on Lychee		IR-4 (to the EPA)	OWN		
860.1500	Pyriproxyfen: Magnitude of the Residue on Sugar Apple		IR-4 (to the EPA)	OWN		
860.1500	Pyriproxyfen: Magnitude of the Residues on Tomato (Greenhouse)		Valent U.S.A. Corporation	OWN		
870.110 870.1200 870.1300 87802400 370.2500	Justification for Bridging Acute Toxicity Data from Studies Conducted with Pyriproxyfen 0.83 EC to Reformulated Pyriproxyfen 0.86 EC (VC-					
870.2600	1678)	47373505	Valent U.S.A. Corporation	OWN		
870.5395 84-4	Mouse Micronucleus Test on S-31183		Valent U.S.A. Corporation	OWN		
875.0000	Data Analysis and Interpretations of: Omite® 30W on Peaches – Worker Reentry and Propargite Dislodgeable and Total Residues on Peach and Nectarine Foliage, Peach Harvesting		Agricultural Reentry Task Force (ARTF)	OWN		

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pplicant's/Regis	trant's Name & Address Valent U.S.A. Corporation		Product				
	1600 Riviera Avenue, Suite 200 Walnut Creek,	CA 94596	ESTEEM Ant Bait (Insect Growth Reg	ulator)			
Active Ingredient	: Pyriproxyfen						
Guideline Refere	n Guideline Study Name	MRID Number	Submitter	Status	Note		
875 Series	Data Analysis and Interpretations of: Omite 30W Worker Re-entry Study on California Grapes and Omite 30W Dislodgeable and Total Residues on Grape Foliage, Grape Cane Turning	40975304 40975302	Agricultural Reentry Task Force (ARTF)	OWN			
875 Series	Determination of Dermal & Inhalation exposure to Workers During On-Farm Application of a Dry Hopper Box Pesticide Treatment to Seed, & Planting of Treated Seed / using Orthene 75 S Soluble Powder	46634103	Agricultural Handlers Exposure Task Force (AHETF)	OWN			
875 Series – Part A	Summary of Exposure Data for all Mixer/Loader/Applicator Studies Conducted or Purchased by the ORETF: Professional Lawn Care Operators Applying Pesticides to Residential Turf and Homeowners Applying Pesticides to Residential Turf, Home Gardens, & Ornament	45663701	Outdoor Residential Exposure Task Force (ORETF)	OWN			
875.1100 875.1300	Carbaryl Mixer/Loader/Applicator Exposure Study during Application of RP-2 Liquid (21%), Sevin® Ready To Use Insect Spray or Sevin® 10 Dust to Home Garden Vegetables	44459801	Outdoor Residential Exposure Task Force (ORETF)	OWN			

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	1600 Riviera Avenue, Suite 200 Walnut Creek	, CA 94596	ESTEEM Ant Bait (Insect Growth Reg	ulator)	
Active Ingredie	ent: Pyriproxyfen				
Guideline Refe	eren Guideline Study Name	MRID Number	Submitter	Status	Note
875.1100	Carbaryl Mixer/Loader/Applicator Exposure Study During Application of RP-2 Liquid (21%)		Outdoor Residential Exposure Task		
875.1300	to Fruit Trees & Ornamental Plants	44518501	Force (ORETF)	OWN	
	Determination of Dermal and Inhalation				
075 4400	Exposure to Workers During Application of a				
875.1100 875.1300	Liquid Pesticide Product by Open Cab Airblast Application to Orchard Crops	46448201	Agricultural Handlers Exposure Task Force (AHETF)	OWN	
0/5.1300	Determination of Dermal and Inhalation	40440201	Task Force (ARETF)	OVVIN	
	Exposure to Workers During Application of a				
	Liquid Pesticide Product by Open Cab Airblast				
875.1100	Application to Orchard Crops - Amended		Agricultural Handlers Exposure		
375.1300	Report	46634102	Task Force (AHETF)	OWN	
	Determination of Dermal and Inhalation				
875.1100	Exposure to Workers During Closed-System		Agricultural Handlers Evacuura		
875.1100	Loading and ULV Application of a Liquid Pesticide Product to Cotton	46634105	Agricultural Handlers Exposure Task Force (AHETF)	OWN	
070.1000	1 Colloide 1 Toddot to Gotton	10004100	Task Force (AFFETT)	OVVIV	
	Determination of Dermal and Inhalation				
	Exposure to Workers During On-Farm				
875.1100	Application of a Dry Hopper Box Pesticide		Agricultural Handlers Exposure		
875.1300	Treatment to Seed, & Planting of Treated Seed	46634103	Task Force (AHETF)	OWN	

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	1600 Riviera Avenue, Suite 200 Walnut Creek,	CA 94596	ESTEEM Ant Bait (Insect Growth Regi	ulator)				
Active Ingredier	nt: Pyriproxyfen							
Guideline Refer	ren Guideline Study Name	MRID Number	Submitter	Status	Note			
875.1100 875.1300	Integrated Report for Evaluation of Potential Exposures to Homeowners & Professional Lawn Care Operators Mixing, Loading, & Applying Granular & Liquid Pesticides to Residential Lawns	44972201	Outdoor Residential Exposure Task Force (ORETF)	OWN				
875.1100 875.1300	Outdoor Residential Pesticide Use and Usage Survey & National Gardening Association Survey	44972202	Outdoor Residential Exposure Task Force (ORETF)	OWN				
875.1100 875.1300	Refining Estimates of potential Hand-to-Moutb- Based Incidental Ingestion Exposure: Frequency of Hand to Mouth Contact	46042401	Outdoor Residential Exposure Task Force (ORETF)	OWN				
875.1100 875.1300	Refining Hand to Mouth Exposure Estimates: Finger Surface Area Contacting Mouth	46042402	Outdoor Residential Exposure Task Force (ORETF)	OWN				
875.110 875.1300	Validation of a Method for the Analysis of Malathion & Diazinon in Sock Matrix	46634106	Agricultural Handlers Exposure Task Force (AHETF)	OWN				
875.1100 875.1300	Validation of AHETF Method AHETF-AM-006, Determination of Carbaryl in Sock Samples"	46448202	Agricultural Handlers Exposure Task Force (AHETF)	OWN				
875.1100 875.1300	Validation of Methods for the Analysis of Exposure Matrices for Acephate	46634101	Agricultural Handlers Exposure Task Force (AHETF)	OWN				

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Active Ingredien	t: Pyriproxyfen						
Guideline Refere	en Guideline Study Name	MRID Number	Submitter	Status	Note		
875.2400 875.2500	Agricultural Reentry Task Force Transfer Coefficient Database: A Generic Tool for Estimating Pesticide Exposure to Agricultural Workers Who Re-Enter Treated Crops	46040301	Agricultural Reentry Task Force (ARTF)	OWN			
875.2400 875.2500	Agricultural Reentry Task Force Transfer Coefficient Database: A Summary of its Development and Use	46040302	Agricultural Reentry Task Force (ARTF)	OWN			
875.2400 875.2500	Agricultural Worker Crop Contact from Reentry Activities Performed in the United States and Canada: Grower Results	44802601	Agricultural Reentry Task Force (ARTF)	OWN			
875.2400 875.2500	Agronomic & Statistical Clustering of Agricultural Reentry transfer Coefficients (Addendum to Scope Survey MRID #44802601)	45175105	Agricultural Reentry Task Force (ARTF)	OWN			
875.2400 875.2500	ARTF Peer Review Record	45491904	Agricultural Reentry Task Force (ARTF)	OWN			
875.2400 875.2500	Data Analysis and Interpretations of: COMITE on Beans: Weeder Reentry Study; Bean Weeding	42689104	Agricultural Reentry Task Force (ARTF)	OWN			

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Active Ingredier	nt: Pyriproxyfen				
Guideline Refer	ren Guideline Study Name	MRID Number	Submitter	Status	Note
875.2400 875.2500	Data Analysis and Interpretations of: COMITE on Cotton: Weeder Reentry Study	42689103	Agricultural Reentry Task Force (ARTF)	OWN	
875.2400 875.2500	Data Analysis and Interpretations of: Evaluation of Reentry Exposure Following Application of Bayleton® Fungicide to an Apple Orchard; Apple Thinning	42428101	Agricultural Reentry Task Force (ARTF)	OWN	
875.2400 875.2500	Data Analysis and Interpretations of: Evaluation of Reentry Exposure to Tribufos During Harvesting of Cotton Treated with DEF 6; Cotton Harvesting	42701601 45726302	Agricultural Reentry Task Force (ARTF)	OWN	
875.2400 875.2500	Data Analysis and Interpretations of: Lorsban 4E & 50W Insecticides: Assessment of Chlorpyrifos Exposures to Applicators, Mixer/Loaders, and Re-entry Personnel During and Following Application to Low Crops; Cauliflower Scouting		Agricultural Reentry Task Force (ARTF)	OWN	
875.2400 875.2500	Data Analysis and Interpretations of: OMITE 6E on Almonds - Worker Reentry Study & OMITE 6E on Almonds – Foliar Dislodgeable; Almond Harvesting		Agricultural Reentry Task Force	OWN	

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Active Ingredient:	Pyriproxyfen						
Guideline Referen	Guideline Study Name	MRID Number	Submitter	Status	Note		
875.2400 875.2500	Data Analysis and Interpretations of: OMITE 30W on Peaches: Propper Reentry Study	43297602	Agricultural Reentry Task Force (ARTF)	OWN			
875.2400 875.2500	Data Analysis and Interpretations of: Worker Exposure to Residues of Captan® 50 WP During Grape Harvest in California and Captan 50 WP Dislodgeable Residue Study on California Grapes; Grape Harvesting	40985601 40988603	Agricultural Reentry Task Force (ARTF)	OWN			
875.2400 875.2500	Data Analysis and Interpretations of: Worker Exposure to Residues of Captan 50 WP During Peach Harvest in California and Captan 50 WP Dislodgeable Residue Study on California Peaches; Peach Harvesting	40966501 40988604	Agricultural Reentry Task Force (ARTF)	OWN			
875.2400 875.2500	Data Analysis and Interpretations of: Worker Exposure to Residues of Captan 50 WP During Strawberry Harvest in California and Captan 50 WP Dislodgeable Residue Study on California Strawberries; Strawberry Harvesting	40966502 40988601	Agricultural Reentry Task Force (ARTF)	OWN			

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Active Ingredient:	Pyriproxyfen						
Guideline Referen	Guideline Study Name	MRID Number	Submitter	Status	Note		
	Data Analysis and Interpretations of: Worker Exposure to Residues of Captan 50 WP During Tomato Harvest in California and Captan 50 WP						
875.2400 875.2500	Dislodgeable Residue Study on California Tomatoes; Tomato Harvesting	40966503 40988602	Agricultural Reentry Task Force (ARTF)	OWN			
875.2400 875.2500	Data Analysis and Interpretations of: Worker Re- entry Exposure While Harvesting Stone Fruit Treated with Ronilan DF Fungicide in California; Dissipation of Dislodgeable Foliar Residues of Vinclozolin (Ronilan DF Fungicide) Applied to Orchards – California		Agricultural Reentry Task Force (ARTF)	OWN			
875.2400 875.2500	Data Analysis and Interpretations of: Worker Re- entry Exposure While Harvesting Strawberries Treated with Ronilan DF Fungicide in California & Dissipation of Dislodgeable Foliar Residues of Vinclozolin (Ronilan DF Fungicide) Applied to Strawberries; Straw		Agricultural Reentry Task Force (ARTF)	OWN			
875.2400 875.2500	Data Analysis and Interpretations of: Worker Reentry Exposure to Profenofos in Cotton Treated with Curacron 8E; Cotton Hoeing	42851302	Agricultural Reentry Task Force (ARTF)	OWN			

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Active Ingredie	ent: Pyriproxyfen				
Guideline Refe	eren Guideline Study Name	MRID Number	Submitter	Status	Note
	Data Analysis and Interpretations of: Worker				
	Reentry Exposure While Harvesting Grapes				
	Treated with Dibrom 8 Emulsive and Dissipation				
875.2400	of Dislodgeable Foliar Residues of Dibrom 8	43223907	Agricultural Reentry Task Force		
875.2500	Emulsive Applied to Grapes	43223904	(ARTF)	OWN	
	Determination of Dermal and Inhalation				
875.2400	Exposure from Chlorothalonil to Reentry		Agricultural Reentry Task Force		
875.2500	Workers During Harvesting in Sweet Corn	45005905	(ARTF)	OWN	
	Determination of Dermal and Inhalation				
875.2400	Exposure to Reentry Workers During		Agricultural Reentry Task Force		To the state of the
875.2500	Chrysanthemum Pinching in a Greenhouse	45344501	(ARTF)	OWN	
	Determination of Dermal and Inhalation				
875.2400	Exposure to Reentry Workers During Hand-	45138201	Agricultural Reentry Task Force		
875.2500	Harvesting in Blackberries (& reissue)	46405901	(ARTF)	OWN	
	Determination of Dermal and Inhalation				
875.2400	Exposure to Reentry Workers During Hand Line	Particular and Control of the Contro	Agricultural Reentry Task Force		
875.2500	Irrigation in Potato (& amendment)	45726301	(ARTF)	OWN	
075 0 405	Determination of Dermal and Inhalation				
875.2400	Exposure to Reentry Workers During Hand-	45400000	Agricultural Reentry Task Force	01401	
875.2500	Pruning in Apples	45480302	(ARTF)	OWN	THE RESERVE OF STREET

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Active Ingredient:	Pyriproxyfen					
Guideline Referen	Guideline Study Name	MRID Number	Submitter	Status	Note	
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Harvesting in Apples	45138202	Agricultural Reentry Task Force (ARTF)	OWN		
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Harvesting in Cabbage	45530102	Agricultural Reentry Task Force (ARTF)	OWN		
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Harvesting in Cauliflower	45005907	Agricultural Reentry Task Force (ARTF)	OWN		
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Harvesting in Cucumbers	45480301	Agricultural Reentry Task Force (ARTF)	OWN		
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Harvesting in Greenhouse Grown Cut Flowers (& amended report)		Agricultural Reentry Task Force (ARTF)	OWN		
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Harvesting in Juice Grapefruit	45432302	Agricultural Reentry Task Force (ARTF)	OWN	(87)	

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DATA MATRIX								
Date	December 5, 2008		EPA Reg No./File Symbol	59639-114	Total Pages = 40			
Applicant's/Regist	rant's Name & Address Valent U.S.A. Corporation		Product					
	1600 Riviera Avenue, Suite 200 Walnut Creek,	CA 94596	ESTEEM Ant Bait (Insect Growth R	tegulator)				
Active Ingredient:	Pyriproxyfen							
Guideline Referer	Guideline Study Name	MRID Number	Submitter	Status	Note			
	Determination of Dermal and Inhalation							
875.2400	Exposure to Reentry Workers During Harvesting	No. of the control of	Agricultural Reentry Task Force					
875.2500	in Juice Oranges	45432301	(ARTF)	OWN				
	Determination of Dermal and Inhalation							
875.2400	Exposure to Reentry Workers During Harvesting		Agricultural Reentry Task Force					
875.2500	in Nursery Stock	45469502	(ARTF)	OWN				
	Determination of Dermal and Inhalation							
875.2400	Exposure to Reentry Workers During Harvesting		Agricultural Reentry Task Force					
875.2500	in Oranges	45175101	(ARTF)	OWN				
	Determination of Dermal and Inhalation							
875.2400	Exposure to Reentry Workers During Harvesting		Agricultural Reentry Task Force					
875.2500	in Sod	45432303	(ARTF)	OWN				
	Determination of Dermal and Inhalation							
875.2400	Exposure to Reentry Workers During Harvesting		Agricultural Reentry Task Force					
875.2500	in Summer Squash	45491902	(ARTF)	OWN				
	Determination of Dermal and Inhalation							
875.2400	Exposure to Reentry Workers During Harvesting		Agricultural Reentry Task Force	The second				
875.2500	in Tobacco	45005911	(ARTF)	OWN				
	Determination of Dermal and Inhalation							
875.2400	Exposure to Reentry Workers During Harvesting		Agricultural Reentry Task Force					
875.2500	in Wine Grapes	45491901	(ARTF)	OWN				

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	1600 Riviera Avenue, Suite 200 Walnut Creek,	CA 94596	ESTEEM Ant Bait (Insect Growth R	legulator)				
Active Ingredient:	Pyriproxyfen				10 P 39 34 54			
Guideline Referer	Guideline Study Name	MRID Number	Submitter	Status	Note			
	Determination of Dermal and Inhalation							
875.2400	Exposure to Reentry Workers During		Agricultural Reentry Task Force					
875.2500	Maintenance Activities in Golf Courses	46734001	(ARTF)	OWN				
	Determination of Dermal and Inhalation							
875.2400	Exposure to Reentry Workers During		Agricultural Reentry Task Force					
875.2500	Maintenance Activities on Golf Courses	45530101	(ARTF)	OWN				
	Determination of Dermal and Inhalation							
875.2400	Exposure to Reentry Workers During Pruning in		Agricultural Reentry Task Force					
875.2500	Nursery Stock	45469501	(ARTF)	OWN				
	Determination of Dermal and Inhalation							
875.2400	Exposure to Reentry Workers During Pruning of		Agricultural Reentry Task Force					
375.2500	Olive Trees	45175102	(ARTF)	OWN				
	Determination of Dermal and Inhalation							
875.2400	Exposure to Reentry Workers During Scouting		Agricultural Reentry Task Force					
375.2500	in Dry Peas	45005908	(ARTF)	OWN				
	Determination of Dermal and Inhalation							
875.2400	Exposure to Reentry Workers During Scouting		Agricultural Reentry Task Force					
875.2500	in Grapes	45005910	(ARTF)	OWN				
	Determination of Dermal and Inhalation							
875.2400	Exposure to Reentry Workers During Scouting		Agricultural Reentry Task Force					
875.2500	in Sunflower	45005909	(ARTF)	OWN				

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Applicant's/Registrant's Name & Address Valent U.S.A. Corporation 1600 Riviera Avenue, Suite 200 Walnut Creek, CA 9		, CA 94596	Product ESTEEM Ant Bait (Insect Growth Reg					
Active Ingredie	ent: Pyriproxyfen							
Guideline Refe	eren Guideline Study Name	MRID Number	Submitter	Status	Note			
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Scouting in Sweet Corn	45005904	Agricultural Reentry Task Force	OWN				
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Tying in Tomatoes	45530103	Agricultural Reentry Task Force (ARTF)	OWN				
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Weeding in Cabbage	45191701	Agricultural Reentry Task Force (ARTF)	OWN				
875.2400 875.2500	Determination of Dermal & Inhyalation Exposure to Reentry Workers During Scouting in Cauliflower	45005906	Agricultural Reentry Task Force (ARTF)	OWN				
875.2400 875.2500	Determination of the Field Recovery & Stability of Diazinon & Malathion for Use in ARTF Reentry Exposure Studies	44972205	Agricultural Reentry Task Force (ARTF)	OWN				
875.2400 875.2500	Evaluation of Dislodgeable Foliar Residue Techniques, Statistical Distributions, & Initial Residues	45574001	Agricultural Reentry Task Force (ARTF)	OWN				
875.2400 875.2100	Evaluation of Transferable Turf Residue Data From Studies Conducted or Purchased by the ORETF	45262901	Outdoor Residential Exposure Task Force (ORETF)	OWN				

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Active Ingredient:	Pyriproxyfen							
Guideline Referer	Guideline Study Name	MRID Number	Submitter	Status	Note			
875.2400	Exposure of Professional Lawn Care Workers During the Mixing and Loading of Dry and Liquid Formulations and the Liquid Application of Turf Pesticides Utilizing a Surrogate Compound	44972203	Outdoor Residential Exposure Task Force (ORETF)	OWN				
875.2400	Exposure of Professional Lawn Care Workers During the Mixing, Loading, and Application of Granular Turf Pesticides Utilizing a Surrogate Compound	44972203	Outdoor Residential Exposure Task Force (ORETF)	OWN				
875.2400	Methodology for Determining Post-Application Dermal Exposure to Pesticide Residues on Turf	45262902	Outdoor Residential Exposure Task Force (ORETF)	OWN				
875.2400 875.2500	Peer Review Summary Report & ARTF Response to Peer Review Comments	45491903	Agricultural Reentry Task Force (ARTF)	OWN				
875.2400 875.2500	Penetration of Clothing by Dislodgeable Foliar Residues of Pesticides During Agricultural Occupational Reentry	46789302	Agricultural Reentry Task Force (ARTF)	OWN				
875.2400 875.2500	Revised/Reissued: Agricultural Reentry Task Force Transfer Coefficient Database: A Summary of its Development and Use (original MRID: 46040302)	46734002	Agricultural Reentry Task Force (ARTF)	OWN				

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Active Ingredient:	Pyriproxyfen				
Guideline Referen	Guideline Study Name	MRID Number	Submitter	Status	Note
	Technical Issues and Procedures for Handling Data from Agricultural Reentry Studies Purchased by ARTF	45491905	Agricultural Reentry Task Force (ARTF)	OWN	
875.2400 875.2500	Validation of Methods for the Analysis of Worker Exposure and Reentry Matrices for Diazinon and Malathion	44972204	Agricultural Reentry Task Force (ARTF)	OWN	7
87531100 875.1300	The ORETF Algorithm for Defining the Relationship of Transferable Turf Residues to Post- Application Dermal Exposure	46190501	Outdoor Residential Exposure Task Force (ORETF)	OWN	
None	Chronic Dietary and Drinking Water Exposure Analyses for Pyriproxyfen	46297304	Valent U.S.A. Corporation	OWN	
None	Chronic Dietary Exposure Assessment for Pyriproxyfen	45556001	Valent U.S.A. Corporation	OWN	
None	Chronic Dietary Exposure Risk Analyses for Pyriproxyfen		Valent U.S.A. Corporation	OWN	
None	Dietary Exposure and Risk Assessment for Pyriproxyfen Residues in/on Citrus Fruit, Cotton, Fruiting Vegetables, Pome Fruit, Stone Fruit, and Tree Nuts	45221505	Valent U.S.A. Corporation	OWN	

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	1600 Riviera Avenue, Suite 200 Walnut Creek,	CA 94596	ESTEEM Ant Bait (Insect Growth	n Regulator)	
Active Ingredient:	Pyriproxyfen				
Guideline Referen	Guideline Study Name	MRID Number	Submitter	Status	Note
None	Efficacy Data for Seize 35 WP, Esteem 0.86 EC Groth Regulator, Esteem Ant bait, Knack Insect Growth Regulator		Valent U.S.A. Corporation	OWN	
None	KNACK Insect Growth Regulator, ESTEEM 35 WP Insect Growth Regulator, ESTEEM Ant Bait Supplemental Information: Statutory Findings and Information Summaries to Comply with the Food Quality Protection Act of 1996 in Support of Registration and Tolerance fo	45556002	Valent U.S.A. Corporation	OWN	
None	KNACK Insect Growth Regulator ESTEEM Insect Growth Regulator ESTEEM 35 WP Insect Growth Regulator Supplemental Information: Statutory Findings and Information Summaries to Comply with the Food Quality Protection Act of 1996 in Support of Registration an	45221504	Valent U.S.A. Corporation	OWN	
None	The Mode of Action of Pyriproxyfen and Juvenile Hormone in Insects and Other Arthropods	44647801	Valent U.S.A. Corporation	OWN	

December 5, 2008

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Active Ingred	lient: Pyriproxyfen				
Guideline Re	feren Guideline Study Name	MRID Number	Submitter	Status	Note
None	Petition Proposing A Tolerance for Pyriproxyfen Use in Fig Production		IR-4 Submission	OWN	
None	Petition Proposing A Tolerance for Pyriproxyfen Use in the Production of Avocado, Papaya, Star Apple, Black Sapote, Mango, Sapodilla, Canistel, Mamey Sapote, Pineapple, White Sapote, Ugli Fruit, Bananas, Plantains, and Coffee			OWN	
None	Petition Proposing A Tolerance for Pyriproxyfen Use in the Production of Crops within the Bushberry Subgroup			OWN	
None	Pyriproxyfen Ant Bait Efficacy Data Summary		Valent U.S.A. Corporation	OWN	
None	Pyriproxyfen - Summary of Data and Tolerence Petition Supporting Use on the Brassica (Cole) Leafy Vegetables Crop Group, the Cucurbit Vegetables Crop Group, and Olive	ADMIN	Valent U.S.A. Corporation	OWN	
None	Tank Mix Stability of Pyriproxyfen in Water Dispersions of KNACK Insect Growth Regulator		Valent U.S.A. Corporation	OWN	

December 5, 2008 Product: ESTEEM Ant Bait (Insect Growth Regulator)

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Active Ingredient: Pyriproxyfen

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Active Ingredient: Pyriproxyfen					
Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note	
Signature July & Schlican		Name and Title: Julie B. Schlekau / Federal Re	egistration Manager	Date December 5, 2008	

PA Form 8570-35 (9-97) Electronic and Paper versions available.

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Active Ingredient:	Pyriproxyfen		Take to the second seco			
Guideline Referer	n Guideline Study Name	MRID Number	Submitter	Status	Note	
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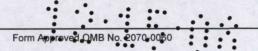
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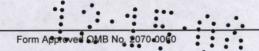
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		Valent U.S.A. Corporation	OWN	Was San San San	
		FIFRA Endangered Species Task Force (FESTF)	OWN		

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Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note		
		The FIFRA Endangered Species Task Force	OWN			
		Valent U.S.A. Corporation	OWN			
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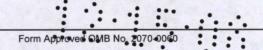
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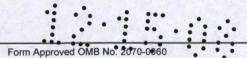
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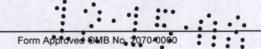
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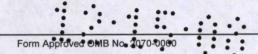
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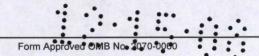


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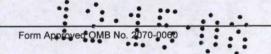
DATA MATRIX					
Date December 5, 2008		EPA Reg No./File Symbol	59639-114	Total Pages = 40	
Applicant's/Registrant's Name & Address Valent U.S.A. Corporation 1600 Riviera Avenue, Suite 200 Walnut Creek, CA 94596		Product ESTEEM Ant Bait (Insect Growth Regulator)			
Active Ingredient: Pyriproxyfen					
Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note	
		Valent U.S.A. Corporation	OWN		
		Valent U.S.A. Corporation	OWN		
		Valent U.S.A. Corporation	OWN		
		Valent U.S.A. Corporation	OWN		
		Valent U.S.A. Corporation	OWN		
		Valent U.S.A. Corporation	OWN		
		Valent U.S.A. Corporation	OWN		
		Valent U.S.A. Corporation	OWN		
		Valent U.S.A. Corporation	OWN		



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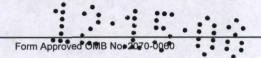
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		Product ESTEEM Ant Bait (Insect Growth Regulator)		
Active Ingredient: Pyriproxyfen				
Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note
		Valent U.S.A. Corporation	OWN	
		Valent U.S.A. Corporation	OWN	
		Valent U.S.A. Corporation	OWN	
		Valent U.S.A. Corporation	OWN	
		Valent U.S.A. Corporation	OWN	
		Valent U.S.A. Corporation	OWN	
		Valent U.S.A. Corporation	OWN	
		Valent U.S.A. Corporation	OWN	
		Valent U.S.A. Corporation	OWN	



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Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note	
		Valent U.S.A. Corporation Valent U.S.A. Corporation	OWN		
		Spray Drift Task Force	OWN		
		Spray Drift Task Force	OWN		
		Spray Drift Task Force	OWN		
		Spray Drift Task Force	OWN		
		Spray Drift Task Force	OWN		



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Active Ingredient: Pyriproxyfen			an regulatory	
Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note
		Spray Drift Task Force	OWN	
		Spray Drift Task Force	OWN	
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active Ingredient: Pyriproxyfen					
Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note	
		Spray Drift Task Force	OWN		
		Spray Drift Task Force	OWN		
		Spray Drift Task Force	OWN		
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		Spray Drift Task Force	OWN		
		Spray Drift Task Force	OWN		
	非。但是我们是是要是可能是是	Spray Drift Task Force	OWN		

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		ESTEEM Ant Bait (Insect Gro	wth Regulator)	
active Ingredient: Pyriproxyfen				
Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note
		Spray Drift Task Force	OWN	
		Spray Drift Task Force	OWN	
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		Spray Drift Task Force	OWN	
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		Spray Drift Task Force	OWN	
WITH THE WAR NAME OF STREET		Spray Drift Task Force	OWN	

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Suideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note		
		Spray Drift Task Force	OWN			
		Spray Drift Task Force	OWN			
		Spray Drift Task Force	OWN			
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1600 Riviera Avenue,	Suite 200 Walnut Creek, CA 94596	ESTEEM Ant Bait (Insect Gr	owth Regulator)	
Active Ingredient: Pyriproxyfen				
Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note
		Spray Drift Task Force	OWN	
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		Spray Drift Task Force	OWN	
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		Spray Drift Task Force	OWN	

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		Product ESTEEM Ant Bait (Insect Growth Regulator)		
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Suideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note
		Valent U.S.A. Corporation	OWN	
		Valent U.S.A. Corporation	OWN	
		Valent U.S.A. Corporation	OWN	
		Valent U.S.A. Corporation	OWN	

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Active Ingredient: Pyriproxyfen					
Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note	
		Valent U.S.A. Corporation	OWN		
		Spray Drift Task Force	OWN		
		Valent U.S.A. Corporation	OWN		
		Valent U.S.A. Corporation	OWN		
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		Valent U.S.A. Corporation	OWN		
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Applicant's/Registrant's Name & Address Valent U.S.A. Con	rporation	Product		
1600 Riviera Avenue, Suite 200	Walnut Creek, CA 94596	ESTEEM Ant Bait (Insect Growth R	egulator)	
Active Ingredient: Pyriproxyfen			毛盖兰 罗克	
Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note
		IR-4 (to the EPA)	OWN	
		IR-4 (to the EPA)	OWN	
		Valent U.S.A. Corporation	OWN	
)				
		Valent U.S.A. Corporation	OWN	
		Valent U.S.A. Corporation	OWN	
		Agricultural Reentry Task Force (ARTF)	OWN	

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		Product ESTEEM Ant Bait (Insect Growth Regulator)		
ctive Ingredient: Pyriproxyfen				
Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note
		Agricultural Reentry Task Force (ARTF)	OWN	
		Agricultural Handlers Exposure Task Force (AHETF)	OWN	
		Outdoor Residential Exposure Task Force (ORETF)	OWN	
		Outdoor Residential Exposure Task Force (ORETF)	OWN	

Product: ESTEEM Ant Bait (Insect Growth Regulator)

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		Product ESTEEM Ant Bait (Insect Growth Regulator)		
ctive Ingredient: Pyriproxyfen				
Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note
		Outdoor Residential Exposure Task Force (ORETF)	OWN	
		Agricultural Handlers Exposure Task Force (AHETF)	OWN	
		Agricultural Handlers Exposure Task Force (AHETF)	OWN	
		Agricultural Handlers Exposure Task Force (AHETF)	OWN	
		Agricultural Handlers Exposure Task Force (AHETF)	OWN	

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1600 Riviera Avenue, Suite 200 W	alnut Creek, CA 94596	ESTEEM Ant Bait (Insect Growth Regu	ulator)	
active Ingredient: Pyriproxyfen				
Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note
		Outdoor Residential Exposure Task Force (ORETF)	OWN	
		Outdoor Residential Exposure Task Force (ORETF)	OWN	
		Outdoor Residential Exposure Task Force (ORETF)	OWN	
		Outdoor Residential Exposure Task Force (ORETF)	OWN	
		Agricultural Handlers Exposure Task Force (AHETF)	OWN	
		Agricultural Handlers Exposure Task Force (AHETF)	OWN	
		Agricultural Handlers Exposure Task Force (AHETF)	OWN	

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Active Ingredient: Pyriproxyfen					
Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note	
		Agricultural Reentry Task Force (ARTF)	OWN		
		Agricultural Reentry Task Force (ARTF)	OWN		
		Agricultural Reentry Task Force (ARTF)	OWN		
		Agricultural Reentry Task Force (ARTF)	OWN		
		Agricultural Reentry Task Force (ARTF)	OWN		
		Agricultural Reentry Task Force (ARTF)	OWN		

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active Ingredient: Pyriproxyfen						
Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note		
		Agricultural Reentry Task Force (ARTF)	OWN			
		Agricultural Reentry Task Force (ARTF)	OWN			
		Agricultural Reentry Task Force (ARTF)	OWN			
		Agricultural Reentry Task Force (ARTF)	OWN			
		Agricultural Reentry Task Force (ARTF)	OWN			

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ctive Ingredient:						
Guideline Referen	n Guideline Study Name	MRID Number	Submitter	Status	Note	
			Agricultural Reentry Task Force (ARTF)	OWN		
			Agricultural Reentry Task Force (ARTF)	OWN		
			Agricultural Reentry Task Force (ARTF)	OWN		
			Agricultural Reentry Task Force (ARTF)	OWN		

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ctive Ingredient: Pyriproxyfen						
Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note		
		Agricultural Reentry Task Force (ARTF)	OWN			
		Agricultural Reentry Task Force (ARTF)	OWN			
		Agricultural Reentry Task Force (ARTF)	OWN			
		Agricultural Reentry Task Force (ARTF)	OWN			

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		ESTEEM Ant Bait (Insect Growth Re	egulator)	
active Ingredient: Pyriproxyfen				
Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note
		Agricultural Reentry Task Force (ARTF)	OWN	
		Agricultural Reentry Task Force (ARTF)	OWN	
		Agricultural Reentry Task Force (ARTF)	OWN	
		Agricultural Reentry Task Force (ARTF)	OWN	
		Agricultural Reentry Task Force (ARTF)	OWN	
		Agricultural Reentry Task Force (ARTF)	OWN	

Product: ESTEEM Ant Bait (Insect Growth Regulator)

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Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note	
		Agricultural Reentry Task Force (ARTF)	OWN		
		Agricultural Reentry Task Force (ARTF)	OWN		
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		Agricultural Reentry Task Force (ARTF)	OWN		
		Agricultural Reentry Task Force (ARTF)	OWN		
		Agricultural Reentry Task Force (ARTF)	OWN		

Product: ESTEEM Ant Bait (Insect Growth Regulator)

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Applicant's/Regist	trant's Name & Address Valent U.S.A. Corpo	oration	Product		
	1600 Riviera Avenue, Suite 200 W	alnut Creek, CA 94596	ESTEEM Ant Bait (Insect Growth F	Regulator)	
Active Ingredient:	Pyriproxyfen				
Guideline Referer	n Guideline Study Name	MRID Number	Submitter	Status	Note
			Agricultural Reentry Task Force (ARTF)	OWN	
			Agricultural Reentry Task Force (ARTF)	OWN	
			Agricultural Reentry Task Force (ARTF)	OWN	
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DATA MATRIX Date December 5, 2008 EPA Reg No./File Symbol 59639-114 Total Pages = 40 Applicant's/Registrant's Name & Address Valent U.S.A. Corporation Product 1600 Riviera Avenue, Suite 200 Walnut Creek, CA 94596 ESTEEM Ant Bait (Insect Growth Regulator) Active Ingredient: Pyriproxyfen Guideline Referen Guideline Study Name MRID Number Status Note Submitter Agricultural Reentry Task Force (ARTF) OWN Agricultural Reentry Task Force (ARTF) OWN

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active Ingredient: Pyriproxyfen					
Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note	
		Outdoor Residential Exposure Task Force (ORETF)	OWN		
		Outdoor Residential Exposure Task Force (ORETF)	OWN		
		Outdoor Residential Exposure Task Force (ORETF)	OWN		
		Agricultural Reentry Task Force (ARTF)	OWN		
		Agricultural Reentry Task Force (ARTF)	OWN		
		Agricultural Reentry Task Force (ARTF)	OWN		

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Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note
		Agricultural Reentry Task Force (ARTF)	OWN	
		Agricultural Reentry Task Force (ARTF)	OWN	
		Outdoor Residential Exposure Task Force (ORETF)	OWN	
		Valent U.S.A. Corporation	OWN	
		Valent U.S.A. Corporation	OWN	
		Valent U.S.A. Corporation	OWN	
		Valent U.S.A. Corporation	OWN	

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Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note	
		Valent U.S.A. Corporation	OWN		
		Valent U.S.A. Corporation	OWN		
		Valent U.S.A. Corporation	OWN		
		Valent U.S.A. Corporation	OWN		

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ctive Ingredient: Pyriproxyfen					
Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note	
		IR-4 Submission	OWN		
			OWN		
		Valent U.S.A. Corporation	OWN		
		Valent U.S.A. Corporation	OWN		
		Valent U.S.A. Corporation	OWN		

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Guideline Referen Guideline Study Name	MRID Number	Submitter	Status	Note
Signature Julie B Schlikan		Name and Title: Julie B. Schlekau / Federal Re	egistration Manager	Date December 5, 2008

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